

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A lubricating oil composition for sizing, comprising:

(A) a lubricating base oil having a kinematic viscosity of 0.5 to 100 mm²/s at 40°C,

and compounded therein

(B) at least one acid phosphite ester extreme-pressure agent in an amount of 0.1 to 10 % by mass and

(C) at least one metal deactivator in an amount of 0.01 to 5 % by mass,
each based on a total amount of said composition.

Claim 2 (Currently Amended): The lubricating oil composition for sizing as defined in claim 1, wherein ~~said extreme pressure agent is an organic phosphoric acid ester compound, and~~ said metal deactivator is a benzotriazole compound, a thiadiazole compound, or a combination thereof.

Claim 3 (Previously Presented): The lubricating oil composition for sizing as defined in claim 1, further comprising (D): an anti-oxidizing agent, an anti-foaming agent, or a combination thereof.

Claim 4 (Currently Amended): The lubricating oil composition for sizing as defined in claim 2 1, wherein said ~~organic phosphoric acid phosphite ester compound~~ has a phosphoric acid residue having a total carbon number of 8 or more.

Claim 5 (canceled):

Claim 6 (Previously Presented): A sizing for a sintered alloy used in oil impregnated bearings, said sizing comprising the lubricating oil composition for sizing as defined in claim 1.

Claim 7 (Previously Presented): A method of preparing an oil impregnated bearing, said method comprising sizing a sintered alloy with a lubricating oil composition for sizing as defined in claim 1, followed by degreasing and impregnating with a bearing oil.

Claim 8 (Original): An oil impregnated bearing prepared by a method according to claim 7.

Claim 9 (Previously Presented): The lubricating oil composition for sizing as defined in claim 1, wherein said lubricating base oil has a kinematic viscosity of from 0.5 to 40 mm²/s at 40°C.

Claim 10 (Previously Presented): The lubricating oil composition for sizing as defined in claim 1, wherein said lubricating base oil has a kinematic viscosity of from 0.5 to 10 mm²/s at 40°C.

Claim 11 (Previously Presented): The lubricating oil composition for sizing as defined in claim 1, wherein said lubricating oil comprises at least one mineral oil and at least one synthetic oil.

Claim 12 (Previously Presented): The lubricating oil composition for sizing as defined in claim 11, wherein said at least one synthetic oil is selected from the group consisting of a poly(α -olefin), an olefin copolymer, a branched polyolefin, a hydrogenated product of a branched polyolefin, an alkylbenzene, and an alkylnaphthalene.

Claim 13 (Currently Amended): The lubricating oil composition for sizing as defined in claim 1, wherein said at least one acid phosphite ester ~~said extreme pressure agent~~ is:

~~at least one phosphate ester selected from the group consisting of triphenyl phosphate, tricresyl phosphate, benzylidiphenyl phosphate, ethyldiphenyl phosphate, tributyl phosphate, ethyldibutyl phosphate, cresyldiphenyl phosphate, dicesylphenyl phosphate, ethylphenyldiphenyl phosphate, diethylphenylphenyl phosphate, propylphenyldiphenyl phosphate, dipropylphenylphenyl phosphate, triethylphenyl phosphate, tripropylphenyl phosphate, butylphenyldiphenyl phosphate, dibutylphenylphenyl phosphate, tributylphenyl phosphate, trihexyl phosphate, tri(2-ethylhexyl) phosphate, tridecyl phosphate, trilauryl phosphate, trimyristyl phosphate, tripalmityl phosphate, tristearyl phosphate, and trioleyl phosphate;~~

~~at least one acid phosphate ester selected from the group consisting of 2-ethylhexyl acid phosphate, oleyl acid phosphate, tetracosyl acid phosphate, isodecyl acid phosphate, lauryl acid phosphate, tridecyl acid phosphate, stearyl acid phosphate, and isostearyl acid phosphate;~~

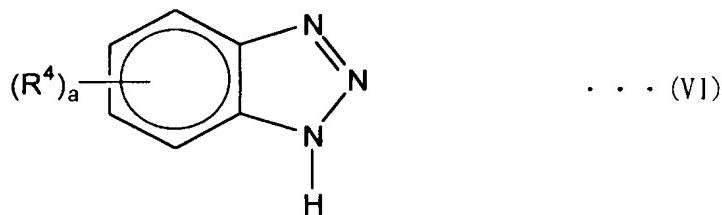
~~at least one phosphite ester selected from the group consisting of tributyl phosphite, triphenyl phosphite, tricresyl phosphite, tri(nonylphenyl) phosphite, tri(2-ethylhexyl) phosphite, tridecyl phosphite, trilauryl phosphite, triisooctyl phosphite, diphenylisodecyl phosphite, tristearyl phosphite, and trioleyl phosphite;~~

~~at least one acid phosphite ester selected from the group consisting of tributyl phosphite, triphenyl phosphite, tricresyl phosphite, tri(nonylphenyl) phosphite, tri(2-ethylhexyl) phosphite, tridecyl phosphite, trilauryl phosphite, triisooctyl phosphite, diphenylisodecyl phosphite, tristearyl phosphite, and trioleyl phosphite; or~~

~~at least one acid phosphite ester selected from the group consisting of dibutyl hydrogen phosphite, dilauryl hydrogen phosphite, dioleyl hydrogen phosphite, distearyl hydrogen phosphite, and diphenyl hydrogen phosphite.~~

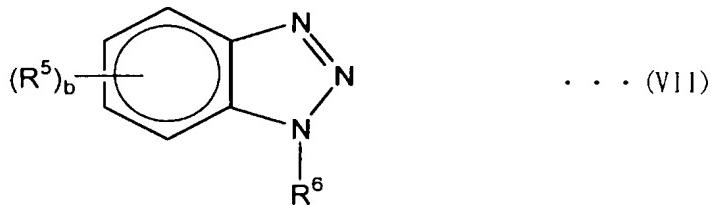
Claim 14 (Previously Presented): The oil composition for sizing as defined in claim 2, wherein said benzotriazole is:

at least one benzotriazole or alkylbenzotriazole represented by formula (VI)



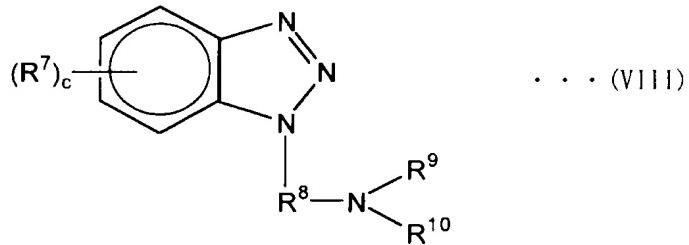
wherein R⁴ represents an alkyl group having 1 to 4 carbon atoms and a is an integer of 0 to 4;

at least one N-(alkyl)alkylbenzotriazole represented by formula (VII)



wherein R⁵ and R⁶ are same or different and each represent an alkyl group having 1 to 4 carbon atoms and b is an integer of 0 to 4; or

at least one N-(alkyl)aminoalkylbenzotriazole represented by formula (VIII)

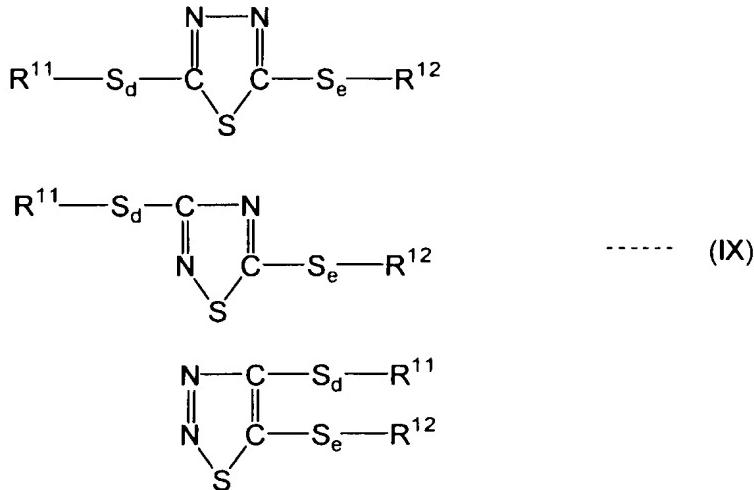


wherein R⁷ represents an alkyl group having 1 to 4 carbon atoms, R⁸ represents a methylene group or an ethylene group, R⁹ and R¹⁰ are same or different and each represent a hydrogen atom or an alkyl group having 1 to 12 carbon atoms and c is an integer of 0 to 4.

Claim 15 (Previously Presented): The oil composition for sizing as defined in claim 2, wherein said thiadiazole is at least one member selected from the group consisting of 2,5-bis(n-hexyldithio)-1,3,4-thiadiazole; 2,5-bis(n-octyldithio)-1,3,4-thiadiazole; 2,5-bis(n-nonyldithio)-1,3,4-thiadiazole; 2,5-bis(1,1,3,3-tetramethylbutyldithio)-1,3,4-thiadiazole; 3,5-bis(n-hexyldithio)-1,2,4-thiadiazole; 3,5-bis(n-octyldithio)-1,2,4-thiadiazole; 3,5-bis(n-nonyldithio)-1,2,4-thiadiazole; 3,5-bis(1,1,3,3-tetramethylbutyldithio)-1,2,4-thiadiazole; 4,5-bis(n-hexyldithio)-1,2,3-thiadiazole; 4,5-bis(n-octyldithio)-1,2,3-thiadiazole; 4,5-bis(n-nonyldithio)-1,2,3-thiadiazole; and 4,5-bis(1,1,3,3-tetramethylbutyldithio)-1,2,3-thiadiazole.

Claim 16 (Previously Presented): The oil composition for sizing as defined in claim 2, wherein said thiadiazole is at least one member selected from the group consisting of 2,5-bis(n-octyldithio)-1,3,4-thiadiazole and 2,5-bis(n-nonyldithio)-1,3,4-thiadiazole.

Claim 17 (Previously Presented): The oil composition for sizing as defined in claim 2, wherein said thiadiazole is at least one 1,3,4-thiadiazole, a 1,2,4-thiadiazole or a 1,4,5-thiadiazole compound represented by formulae (IX):



wherein R¹¹ and R¹² each represent a hydrogen atom or an alkyl group having 1 to 20 carbon atoms, and d and e are each an integer of 0 to 8.

Claim 18 (Previously Presented): The oil composition for sizing as defined in claim 1, wherein said base oil exhibits a pour point of no greater than -10°C.

Claim 19 (Currently Amended): The oil composition for sizing as defined in claim 1, having a residual amount of oil of at most 0.0057 g
comprising:

- (A) ~~a lubricating base oil having a kinematic viscosity of 0.5 to 100 mm²/s at 40°C,~~
~~and compounded therein~~
- (B) ~~at least one organic phosphoric acid phosphite acid ester compound in an amount of 0.1 to 10 % by mass and~~
- (C) ~~at least one metal deactivator in an amount of 0.01 to 5 % by mass,~~

~~each based on a total amount of said composition.~~

Claim 20 (New): The oil composition for sizing as defined in claim 1, having a residual amount of oil of at most 0.0017 g.